# Exhibit 300: Capital Asset Plan and Business Case Summary

# Part I: Summary Information And Justification (All Capital Assets)

# Section A: Overview (All Capital Assets)

1. Date of Submission: 4/10/2009

Department of Energy 2. Agency: 3. Bureau: **Energy Programs** 

4. Name of this Capital Asset: EE Corporate Management and Planning System

5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)

019-20-01-12-01-1011-00

6. What kind of investment will this be in FY 2010? (Please NOTE: Investments moving to O&M in FY 2010, with Planning/Acquisition activities prior to FY 2010 should not select O&M. These investments should indicate their current status.)

Operations and Maintenance

7. What was the first budget year this investment was submitted to OMB?

FY2003

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap:

EERE needs to improve and provide a comprehensive capability for program managers and staff to easily make informed funding decisions on RDD&D investments, track all RDD&D activities; monitor research progress; and quantify impacts, benefits, and costs to support DOE strategic goals and the President's Management Agenda. This ready access will better support the decision-making process. Enhanced capabilities and analysis of data can provide EERE managers with appropriate information when they need to know it, which allows for better oversight of federally-invested dollars and gauging RD&D performance for all of EERE's RDD&D investments. The FY 2007-2008 lab interface work was completed as planned. Future DME has been put on hold pending the implementation of the remainder of DOE's corporate solutions (iManage STRIPES and iBudget). Effective FY2009 and continuing through full deployment of the iManage systems, EERE will maintain this investment in steady state operations. Once these are fully available, EERE will re-evaluate its business processes investment options. CPS is critical for supporting EERE's strategic management framework and is responsive to the goals and objectives within EERE's Strategic Plan commitment to change the way it does business and support the objectives of its 10 mission programs and business administration offices. This investment meets several primary PMA Government Reform Objectives to be results oriented, link budget and management decisions to performance, ensure financial accountability, and eliminate redundant systems through consolidation. In 2004, EERE brought CPS online to replace four similar, non-interfacing, sector-specific budget execution systems (OPTIS, OITIS, BRUTIS, and Program Explorer), bringing business operations under one platform, and bolstering its goal for "one way of doing business." To fulfill EERE program mission information needs, CPS evolved to interface with field project management systems and corporate financial reporting systems. With CPS successfully closing EERE's performance gaps, OE and FE share this capability, demonstrating collaboration and re-use within the Energy LOB. CPS technology conforms to the DOE Information Technology Architecture and TRM and data elements are mapped to EA repository DRM.

9. Did the Agency's Executive/Investment Committee approve this request?

a. If "yes," what was the date of this approval?

Name

8/21/2008

10. Did the Project Manager review this Exhibit?

Yes

11. Contact information of Program/Project Manager?

Crouch, David Phone Number 202 586 4844

**Fmail** david.crouch@ee.doe.gov

a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager?

Waiver Issued

b. When was the Program/Project Manager Assigned?

6/1/2005 8/9/2009

c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been issued, what is the anticipated date for certification?

12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable

No

Exhibit 300: EE Corporate Manageme	ent and Planning System (Revision 14)
techniques or practices for this project?	
a. Will this investment include electronic assets (including computers)?	Yes
b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	No
1. If "yes," is an ESPC or UESC being used to help fund this investment?	No
2. If "yes," will this investment meet sustainable design principles?	No
3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
13. Does this investment directly support one of the PMA initiatives?	Yes
If "yes," check all that apply:	Budget Performance Integration
a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)	EERE uses CPS for instituting Budg to Perf Int through a systems management approach to program planning, budgeting, implementation, and evaluation. CPS provides the foundation for EERE and OE to collaborate and coordinate HQ, PMC, and national laboratories R&D activities. CPS assists EERE programs in the development and linking of their performance milestones to EERE and DOE strategic goals and investment targets to strategically accomplish their missions within the appropriated budgets.
14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.)	No
a. If "yes," does this investment address a weakness found during a PART review?	No
b. If "yes," what is the name of the PARTed program?	
c. If "yes," what rating did the PART receive?	
15. Is this investment for information technology?	Yes
If the answer to Question 15 is "Yes," complete questions $16-23$ .	5-23 below. If the answer is "No," do not answer questions
For information technology investments only:	
16. What is the level of the IT Project? (per CIO Council PM $\mbox{\it Guidance})$	Level 1
17. In addition to the answer in 11(a), what project management qualifications does the Project Manager have?	(1) Project manager has been validated as qualified for this investment

- (per CIO Council PM Guidance)
- his
- 18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2008

Yes

agency high risk report (per OMB Memorandum M-05-23)

No

a. If "yes," does this investment address a FFMIA compliance area?

No

- 1. If "yes," which compliance area:
- 2. If "no," what does it address?

19. Is this a financial management system?

- b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52
- 20. What is the percentage breakout for the total FY2010 funding request for the following? (This should total 100%)

Hardware 3 Software Services 97 0 Other

Yes

21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?

22. Contact information of individual responsible for privacy related questions:

Name Hanley, Jerry
Phone Number 202 586 0483

Title Freedom of Information & Privacy Acts Officer

E-mail jerry.hanley@hq.doe.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO No

High Risk Areas?

# Section B: Summary of Spending (All Capital Assets)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

(Estin	Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES  (REPORTED IN MILLIONS)  (Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)										
PY-1 and earlier PY 2008 CY 2009 BY 2010 BY+1 2011 BY+2 2012 BY+3 2013 BY+4 and beyond Total											
Planning: 0.212212 0.331809 0 0 0 0 0 0 0 0.544021											
Acquisition:	Acquisition: 1.469634 0.233267 0 0 0 0 0 0 1.702901										
Subtotal Planning & Acquisition:	1.681846	0.565076	0	0	0	0	0	0	2.246922		
Operations & Maintenance:	9.976524	1.076829	1.375	0.6	0.63	0.6615	0.694575	0	15.014428		
TOTAL:	11.658370	1.641905	1.375	0.6	0.63	0.6615	0.694575	0	17.261350		
	Government FTE Costs should not be included in the amounts provided above.										
Government FTE Costs	1.755986	0.303022	0.216358	0.227175	0.238535	0.250462	0.262985	0	3.254523		
Number of FTE represented 11 3 2 2 2 2 2 0 24 by Costs:									24		

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional No FTF's?

- a. If "yes," How many and in what year?
- 3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes:

The Summary of Spending has changed from the FY 2009 President's budget request to cease DME efforts, reduce end user support operations, and migrate appropriate functions to DOE corporate solutions (iManage STARS, IDW, STRIPES, SBS). Once DOE corporate solutions are fully implemented, EERE will re-evaluate its business processes, budget execution, and portfolio mangement needs to determine which gaps exist and the alternatives required to overcome them.

# Section C: Acquisition/Contract Strategy (All Capital Assets)

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contracts/T	tracts/Task Orders Table: * Costs in millions															
Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?		End date of Contract/	Total Value of Contract/ Task Order (\$M)	Interagenc y	Is it performanc e based? (Y/N)	Competitiv ely awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact	Certificatio n Level	assigned has the competenci
IM00001 SOM AEE2 CLIN02	Time and Materials	Yes	2/1/2005	2/1/2005	12/31/2006	3.92233	No	Yes	Yes	NA	No	Yes	Thornton, Patrick	202-287- 1532 / Patrick.Thor nton@pr.doe .gov	Level 3	
IM00001 SOM AEE2 CLIN03	Time and Materials	Yes	2/1/2005	2/1/2005	12/31/2006	0.64955	No	Yes	Yes	NA	No	Yes	Thornton, Patrick	202-287- 1532 / Patrick.Thor nton@pr.doe .gov	Level 3	
IM00102 7EE06 CLIN01	Time and Materials	Yes	1/1/2007	1/1/2007	12/31/2012	1.122137	No	Yes	Yes	NA	No	Yes	Thornton, Patrick	202-287- 1532 / Patrick.Thor nton@pr.doe .gov	Level 3	
IM00102 7EE06 CLIN02	Time and Materials	Yes	1/1/2007	1/1/2007	12/31/2012	5.771913	No	Yes	Yes	NA	No	Yes	Thornton, Patrick		Level 3	

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Although earned value may not required for these contracts EERE does collect project management data from the contractors. Cost, schedule and performance information is collected monthly from the contractors and analyzed to determine earned value.

3. Do the contracts ensure Section 508 compliance?

Yes

a. Explain why not or how this is being done?

Project managers utilized guidance prepared by the DOE Procurement Office to incorporate electronic and information technology standards in the acquisition process ensuring Section 508 compliance.

4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements?

Yes

a. If "yes," what is the date?

1/1/2007

1. Is it Current?

Yes

b. If "no," will an acquisition plan be developed?

1. If "no," briefly explain why:

# Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond the next President's Budget.

Performance In	Performance Information Table										
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results			
2005	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.		Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by May		Increase ratio to 66.77% by May 2005	68.40% Ratio of obligations (\$) to approved funding plan (\$) by May 2005			
2005	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.		Administrative Management	Facilities, Fleet, And Equipment Management	Percent of program commitments issued to the Project Management Center by January 31	commitments issued to the	55% of program commitments issued to the Project Management Center by January 2005	55% of program commitments issued to the Project Management Center by January 2005			
2005	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to	Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	Performance	Meet over 80% of Annual Performance Targets by end of FY 2005	83% of Annual Performance Targets met by end of FY 2005			

Performance In	nformation Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	disruption and increasing the flexibility of the market to meet U.S. needs.							
2005	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	39% Ratio of end uncosted obligations (\$) to total obligations (\$) by end of FY 2005	Decrease ratio to 35.1% by end of FY 2005	
2005	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.		Effectiveness	User Satisfaction	User requests reduced requiring code changes	788 User requests required code changes	Decrease to 709 user requests requiring code changes by end of FY 2005	659 User requests required code changes at end of FY 2005
2006	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.		Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by May	obligations (\$) to approved	Increase Ratio of obligations (\$) to approved funding plan (\$) to 75.24% by May 2006	66.7% Ratio of obligations (\$) to approved funding plan (\$) by May 2006 (Target reached between June and July 2006)
2006	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	Met over 80% of Annual Performance Targets by end of FY 2005	Meet over 80% of Annual Performance Targets by end of FY 2006	92.9% of Annual Performance Targets met by end of FY 2006
2006	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January 31	55% of program commitments issued to the Project Management Center by January 2005	Increase to 60.5% of program commitments issued to the Project Management Center by January 2006	60% of program commitments issued to the Project Management Center by January 2006
2006	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that	Processes and Activities	Financial (Processes and Activities)	Costs	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	34.16% Ratio of end uncosted obligations (\$) to total obligations (\$) at end of fiscal year 2005	Decrease Ratio of end uncosted obligations (\$) to total obligations (\$) to 30.74% by end of FY 2006	38.98% Ratio of end uncosted obligations (\$) to total obligations (\$) at end of fiscal year 2006

Performance In	formation Table	xhibit 300: EE	•		<u> </u>	•	•	
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	supports mission needs and postures the Department for continuous business process improvement.							
2006	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.	Technology	Effectiveness	User Satisfaction	User requests reduced requiring code changes	659 User requests required code changes	Decrease to 593 User requests requiring code changes by end of FY 2006	588 User requests required code changes at end of FY 2006
2007	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.	Customer Results	Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by June	66.7% Ratio of obligations (\$) to approved funding plan (\$) by June, 2006	Increase ratio of obligations (\$) to approved funding plan (\$) to 73.37% by June 2007	69.26% Ratio of obligations (\$) to approved funding plan (\$) by June. (Target reached between June and July 2007)
2007	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Mission and Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	Met over 80% of Annual Performance Targets by end of FY 2006	Meet over 80% of Annual Performance Targets by end of FY 2007	Met 95% of Annual Performance Targets by end of FY 2007
2007	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January	60% of program commitments issued by January 2006	Issue at least 60% of program commitments by January 2007	
2007	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.	Processes and Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	38.98% Ratio of end uncosted obligations (\$) to total obligations (\$) by end of FY 2006	Decrease ratio of end uncosted obligations (\$) to total obligations (\$) to 35.08% by end of FY 2007	45.87% Ratio of end uncosted obligations (\$) to total obligations (\$) at end of FY 2007
2007	GOAL 5.4 Resources - Institutionalize a fully integrated resource management	Technology	Effectiveness	User Satisfaction	User requests reduced requiring code changes	588 User requests required code changes at end of FY 2006	Decrease to 529 User requests requiring code changes by end of FY 2007	204 User requests required code changes at end of FY 2007

. J. J. Marice III	formation Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	strategy that supports mission needs and postures the Department for continuous business process improvement.							
2008	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.	Customer Results	Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by June	obligations (\$) to approved	obligations (\$) to approved	65.14% Ratio of obligations (\$) to approved funding plan (\$) by June 2008 (Target reached between August and September 2008)
2008	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Mission and Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	Over 80% of Annual Performance Targets met by end of FY 2007	Meet over 80% of Annual Performance Targets by end of FY 2008	89% of Annual Performance Targets met as of Q4 FY 2008
2008	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Mission and Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January 31		Issue at least 60% of program commitments by January 2008	
2008	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.	Processes and Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	45.87% Ratio of end uncosted obligations (\$) to total obligations (\$) by end of FY 2007		50.79% Ratio of end uncosted obligations (\$) to total obligations (\$) at end of FY 2008
2008	GOAL 5.4 Resources - Institutionalize a fully integrated resource management strategy that supports mission needs and postures the Department for continuous business process improvement.	Technology	Effectiveness	User Satisfaction	User requests reduced requiring code changes	204 User requests required code changes at end of FY 2007	Decrease to 184 User requests requiring code changes by end of FY 2008	57 User requests requiring code changes in FY 2008
2009	GOAL 5.4 Resources - Institutionalize a fully integrated resource	Customer Results	Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by June	obligations (\$) to approved	increase Ratio of obligations (\$) to approved funding plan (\$) to 71.65% by	TBD - 17.83% Ratio of obligations (\$) to approved funding plan (\$)

Performance In	nformation Table	1						
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	management strategy that supports mission needs and postures the Department for continuous business process						June	by June 2009 (as of Feb. 2009)
2009	improvement.  GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	80%	Meet over 80% of Annual Performance Targets by end of FY 2009	TBD - known 9/30/2009
2009	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January		Issue at least 60% of program commitments by January 2009	Issued at 93% of program commitments by January 31, 2009
2009		Processes and Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	50.79% Ratio of end uncosted obligations (\$) to total obligations (\$) at end of FY 2008.	45.71% Ratio of end uncosted obligations (\$) to total obligations (\$) by end of FY 2009.	TBD - 70.54% Ratio of end uncosted obligations (\$) to total obligations (\$) as of Feb. 2009.
2009		Technology	Effectiveness	User Satisfaction	User requests reduced requiring code changes	57 User requests required code changes at end of FY 2007	Decrease to 51 User requests requiring code changes by end of FY 2008	TBD - 22 User requests requiring code changes in as of March 2009
2010	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Customer Results	Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by June	by June 30, 2009	increase by 10%	by June 30, 2010
2010	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Mission and Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	80%	Meet over 80% of Annual Performance Targets by end of FY 2009	end of FY 2010
2010	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s	Mission and Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January 31	60%	Issue at least 60% of program commitments by January 31, 2009	

Performance In	nformation Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	mission needs.							
2010	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Processes and Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	end of FY 2009	decrease by 10%	end of FY 2010
2010	GOAL 5.5	Technology	Effectiveness	IT Contribution	User requests	end of FY 2009	decrease by	end of FY 2010
	Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.			to Process, Customer, or Mission	reduced requiring code changes		10%	
2011	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Customer Results	Customer Benefit	Customer Satisfaction	Ratio of obligations (\$) to approved funding plan (\$) by June	by June 30, 2010	increase by 10%	by June 30, 2011
2011	GOAL 1.1 Energy		Energy	Energy	Percent of	80%	Meet over 80%	end of FY 2011
	Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results		Conservation and Preparedness	Annual Performance Targets met		of Annual Performance Targets by end of FY 2009	
2011	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January 31	60%	Issue at least 60% of program commitments by January 31, 2011	by January 31, 2011
2011	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Processes and Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	end of FY 2010	decrease by 10%	end of FY 2011
2011	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Technology	Effectiveness	User Satisfaction	User requests reduced requiring code changes	end of FY 2010	decrease by 10%	end of FY 2011
2012	GOAL 5.5	Customer	Customer	Customer	Ratio of	by June 30,	increase by 10%	
	Resources Develop and	Results	Benefit	Satisfaction	obligations (\$) to approved	2011		2012

Performance Ir	Performance Information Table										
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results			
	institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.				funding plan (\$) by June						
2012	GOAL 1.1 Energy Diversity Increase our energy options and reduce dependence on foreign fuel supplies, thereby reducing vulnerability to disruption and increasing the flexibility of the market to meet U.S. needs.	Business Results	Energy	Energy Conservation and Preparedness	Percent of Annual Performance Targets met	80%	Meet over 80% of Annual Performance Targets by end of FY 2011	end of FY 2012			
2012	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Mission and Business Results	Planning and Resource Allocation	Budget Execution	Percent of program commitments issued to the Project Management Center by January 31	60%	Issue at least 60% of program commitments by January 31, 2009	by January 31, 2012			
2012	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Processes and Activities	Financial (Processes and Activities)	Financial Management	Ratio of end uncosted obligations (\$) to total obligations (\$) by end of fiscal year	end of FY 2011	decrease by 10%	end of FY 2012			
2012	GOAL 5.5 Resources Develop and institutionalize a fully, integrated resources management strategy that meets DOE s mission needs.	Technology	Effectiveness	User Satisfaction	User requests reduced requiring code changes	end of FY 2011	decrease by 10%	end of FY 2012			

## Section E: Security and Privacy (IT Capital Assets only)

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

- 1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment?:
- a. If "yes," provide the "Percentage IT Security" for the budget year:
- 2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment?

I	3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):									
	Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)						

4. Operational Systems - Security Table:											
	Name of System		NIST FIPS 199 Risk Impact level (High, Moderate, Low)		Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A)	Date Completed: Security Control Testing	Date the contingency plan tested			
	CPS										

- 5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG?
- a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process?
- 6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?
- a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.
- 7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? The DOE Inspector General and the Office of Health, Safety and Security conducts periodic inspections and reporting activities to verify and validate contractor security procedures for the Corporate Planning System. The EERE Information Systems Group Manager meets weekly with the EERE Infrastructure Support Team Leader to discuss on-going projects, updates, and potential impacts to the EERE IT infrastructure.

8. Planning & Operation	al Systems - Privacy Tal	ble:			
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
CPS	No		No, because the system does not administer information in identifiable form about employees, contractors or members of the public.		No, because the system is not a system of records.

#### Details for Text Options:

Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.

Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN.

Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.

# Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

Yes

1. Is this investment included in your agency's target enterprise architecture?

Yes

- a. If "no," please explain why?
- 2. Is this investment included in the agency's EA Transition Strategy?

EE Corporate Managment and Planning System - Direct Mission

a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.

b. If "no," please explain why?

3. Is this investment identified in a completed and approved segment architecture?

245-000

a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to http://www.egov.gov.

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
CPS Data Mart	Supports a subset of CPS transactional data warehouse within EERE	Back Office Services	Data Management	Data Mart	Data Mart	019-60-02-00- 01-5000-04	Internal	0
CPS Data Warehouse	Supports the archiving and storage of CPS transactional data	Back Office Services	Data Management	Data Warehouse			No Reuse	25
CPS Internal Controls	Support the CPS methods and procedures used by the EERE to safeguard its assets, produce accurate accounting data and reports, contribute to efficient operations, and encourage staff to adhere to management policies and mission requirements	Back Office Services	Financial Management	Internal Controls			No Reuse	10
CPS Ad Hoc Reporting	Supports the use of dynamic CPS reports on an as needed basis	Analytical	Reporting	Ad Hoc	Ad Hoc	019-60-02-00- 01-5000-04	Internal	0
CPS Standardized / Canned Reporting (internal system)	Supports the use of pre-conceived or pre-written internal CPS system reports		Reporting	Standardized / Canned			No Reuse	6
CPS Standardized / Canned Reporting	Supports the use of pre-conceived or pre-written CPS reports		Reporting	Standardized / Canned	Standardized / Canned	019-60-02-00- 01-5000-04	Internal	0
CPS Program / Project Management	Manages and controls mission and business administration efforts within EERE	Business Management Services	Management of Processes	Program / Project Management			No Reuse	19
CPS Partner Relationship Management	Provide a framework to manage the	Customer Services	Customer Relationship Management	Partner Relationship Management			No Reuse	19

### 4. Service Component Reference Model (SRM) Table:

Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, tc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.go

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	effective collaboration between EERE and its business partners.							
CPS Information Retrieval	Allow access to CPS data and information for use by EERE and its stakeholders	Digital Asset Services	Knowledge Management	Information Retrieval			No Reuse	6
Sharing	Support the use of CPS-created documents and data in a multi-user environment for use by EERE and its stakeholders	Digital Asset Services	Knowledge Management	Information Sharing			No Reuse	6
CPS Query	Support retrieval of CPS records that satisfy specific query selection criteria	Support Services	Search	Query			No Reuse	6
		Support Services	Security Management				No Reuse	1
_	_	Support Services	Security Management		_		No Reuse	1
		Support Services	Security Management				No Reuse	1

- a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.
- b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.
- c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.
- d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

## 5. Technical Reference Model (TRM) Table:

To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and

Service Specifications supporting				
FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Access Control	Component Framework	Data Management	Database Connectivity	
Ad Hoc	Component Framework	Data Management	Reporting and Analysis	
	Component Framework	Security		
Standardized / Canned	Component Framework	User Presentation / Interface	Content Rendering	
Standardized / Canned	Component Framework	User Presentation / Interface	Content Rendering	
Standardized / Canned	Component Framework	User Presentation / Interface	Content Rendering	
Standardized / Canned	Component Framework	User Presentation / Interface	Static Display	
Information Retrieval	Service Access and Delivery	Access Channels	Web Browser	
Information Sharing	Service Access and Delivery	Service Transport	Service Transport	
Information Retrieval	Service Access and Delivery	Service Transport	Service Transport	
Query	Service Platform and Infrastructure	Database / Storage	Database	
Data Mart	Service Platform and Infrastructure	Database / Storage	Database	
Standardized / Canned	Service Platform and Infrastructure	Database / Storage	Database	
Internal Controls	Service Platform and	Database / Storage	Database	

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and

	Service	Specifications	supporting	this IT	investment.
--	---------	----------------	------------	---------	-------------

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
	Infrastructure			
Partner Relationship Management	Service Platform and Infrastructure	Database / Storage	Database	
	Service Platform and Infrastructure	Database / Storage		
Data Warehouse	Service Platform and Infrastructure	Database / Storage	Database	
Information Sharing	Service Platform and Infrastructure	Delivery Servers	Web Servers	
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Standardized / Canned	Service Platform and Infrastructure	Support Platforms	Dependent Platform	
Internal Controls	Service Platform and Infrastructure	Support Platforms	Dependent Platform	
Partner Relationship Management	Service Platform and Infrastructure	Support Platforms	Dependent Platform	
	Service Platform and Infrastructure	Support Platforms		
Program / Project Management	Service Platform and Infrastructure	Support Platforms	Dependent Platform	
	Service Platform and Infrastructure	Support Platforms		
Standardized / Canned	Service Platform and Infrastructure	Support Platforms	Independent Platform	

- a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications
- b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.
- 6. Will the application leverage existing components and/or applications across the Government (i.e., USA.gov, Pay.Gov, etc)?
  - a. If "yes," please describe.

# Exhibit 300: Part III: For "Operation and Maintenance" investments ONLY (Steady State)

# Section A: Risk Management (All Capital Assets)

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan?

Yes

a. If "yes," what is the date of the plan?

6/19/2008

b. Has the Risk Management Plan been significantly

Yes

changed since last year's submission to OMB?

c. If "yes," describe any significant changes:

In view of the projected DME plans, the CPS Risk Plan has been updated to account for and mitigate, minimize or otherwise avoid schedule and cost impacts that may result from the scheduled work. Risks associated with integrating mission-based financial assistance functionality; data collection; and an interface with our field stakeholders, including the Project Management Center, national laboratories, and state organizations have been added. Risk status has been updated.

- 2. If there currently is no plan, will a plan be developed?
  - a. If "yes," what is the planned completion date?
  - b. If "no," what is the strategy for managing the risks?

## Section B: Cost and Schedule Performance (All Capital Assets)

1. Was an operational analysis conducted?

Yes

- a. If "yes," provide the date the analysis was completed.
- 6/20/2008

b. If "yes," what were the results?

Interviews were conducted as part of a recently completed business process management assessment. Processes related to CPS were documented, evaluated, and modified to optimize efficiency within processes.

Process improvement recommendations resulted from meetings between a BPR consultant and EERE staff. Candidates for process improvement were selected based on the amount of control that the Business Administration group has over the process. As a group, ideas were generated to improve the enablers and reduce the influence of the leverage points. Each idea was evaluated and either kept or discarded. The ideas were collected and incorporated into new process maps with descriptions of the recommendations, which were then reviewed by the process owners to determine if the changes would result in an improvement.

Interviews indicated an number of direct improvements to CPS: user interface should be assessed, simplified and redesigned; use of common functions should be simplified; search functionality should be improved; actions associated with particular roles should be easy to find; reporting requirements should be established and functionality should be improved; data entry requirements should be simplified to improve data quality; required procurement request data should be enforced; common data exchange formats should be available for field/PMC use; document management should be improved; financial transactions should be displayed on a single view at agreement and project levels; consolidated history of financial transactions should be provided; and unused functionality should be removed.

An updated alternatives analysis had being performed and the recommendation the to use office suite tools combined with iManage was rejected by management.

- c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:
- 2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).
- a. What costs are included in the reported Cost/Schedule Contractor Only Performance information (Government Only/Contractor Only/Both)?

2.b Comparis	son of Plan vs. Actual Performanc			or porace riunagement and riun			
		Plar	nned		Actual		Variance
Milestone Number	Description of Milestone	Completion Date (mm/dd/yyy y)	Total Cost(\$M)	Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Schedule (# days)	Cost(\$M)
1	Operations and Maintenance (FY 2004)	12/31/2004	\$1.737110	9/30/2004	\$1.094687	92	\$0.642423
2	Development	12/31/2004	\$0.759055	12/31/2004	\$0.587910	0	\$0.171145
2.1	Deployment	12/31/2003	\$0.259269	11/25/2003	\$0.186920	36	\$0.072349
2.2	Development	12/31/2004	\$0.499786	12/31/2004	\$0.400990	0	\$0.098796
3	Operations and Maintenance (FY 2005)	9/30/2005	\$2.487496	9/30/2005	\$2.718746	0	-\$0.231250
4	Development	12/31/2005	\$0.339722	12/31/2005	\$0.317223	0	\$0.022499
4.1	Application Upgrades	12/31/2005	\$0.109405	12/31/2005	\$0.110027	0	-\$0.000622
4.2	Interfaces	12/31/2005	\$0.230317	12/31/2005	\$0.207196	0	\$0.023121
5	Operations and Maintenance (FY 2006)	9/30/2006	\$1.369744	9/30/2006	\$1.369743	0	\$0.000001
6	Development	4/30/2009	\$2.146325	7/31/2008	\$1.278478	273	\$0.867847
6.0	Business Process Study	7/31/2008	\$0.348484	7/31/2008	\$0.348484	0	\$0.00000
6.1	BARDI Integration	12/31/2007	\$0.523867		\$0.643929		-\$0.120062
6.2	Portal Navigation Development	10/30/2008	\$0.774757		\$0.237500		\$0.537257
6.3	Performance Integration	4/30/2009	\$0.499217		\$0.048565		\$0.450652
7	Operations and Maintenance (FY 2007)	9/30/2007	\$1.139194	9/30/2007	\$1.215327	0	-\$0.076133
9	Operations and Maintenance (FY 2008)	9/30/2008	\$1.272655	9/30/2008	\$1.282884	0	-\$0.010229
10	Operations and Maintenance (FY 2009)	9/30/2009	\$1.591358		\$0.668370		\$0.922988
12	Operations and Maintenance (FY 2010)	9/30/2010	\$0.827175				
13	Operations and Maintenance (FY 2011)	9/30/2011	\$0.868535				
14	Operations and Maintenance (FY 2012)	9/30/2012	\$0.911962				
15	Operations and Maintenance (FY 2013)	9/30/2013	\$0.957560				
100	support and prepare for phase- out of separate sector systems		\$1.146104		\$1.146104		\$0.00000
101	Training		\$0.046337		\$0.046337		\$0.00000
102	Data Population		\$0.069637		\$0.069637		\$0.00000

2.b Comparis	2.b Comparison of Plan vs. Actual Performance Table								
		Planned		Actual			Variance		
Milestone Number	Description of Milestone	Completion Date (mm/dd/yyy y)	Total Cost(\$M)	Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Schedule (# days)	Cost(\$M)		
103	System rules		\$0.034687		\$0.034687		\$0.00000		
104	Roll out		\$0.127887		\$0.127887		\$0.00000		
Project Totals		9/30/2013	\$17.832543	9/30/2008	\$11.958020	1826	\$5.874523		